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EXAMINER INITIAL	
	"Morphology of Water-Blown Flexible Polyurethane Foams," Armisted et al., Journal of Applied Polymer Science, Vol. 35, pp. 601-29, 1988
MC	"Renewable Raw Materials - An Important Basis for Urethane Chemistry," Urethane Technology, Vol. 14, No. 2, April/May 1997, Crain Communications 1997

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
M	"Model/MDI/Butendiol Polyurethanes: Molecular Structure, Morphology, Physical and Mechanical Properties," Christenson et al., Journal of Polymer Science; Part B: Polymer Physics, Vol. 24, pp. 1401-1439, 1986
M	"Chemoenzymatic Synthesis of Urethane Oil Based on Special Functional Group Oil," M.D. Bhabhe and V.D. Athawale, Journal of Applied Polymer Science, Vol. 69, 1451-1458, 1998

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MC	U.S. Patent Application Publication No. 2003/0143910 A1, published July 31, 2003, to Mashburn et al.
MC	U.S. Patent Application Publication No. 2002/0192456 A1, published December 19, 2002, to Mashburn et al.

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EXAMINER INITIAL	
MP	Nakamura et al., Kobunshi Robunshu, "Preparation of Polyurethane Foam From Waste Vegetable Oil," 50 (11), pp. 881-886, (1993)
DR	Colvin et al., UTECH Asia, "Low Cost Polyols from Natural Oils," Paper 36, 1995

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MC	Renewable raw materials - an important basis for urethane chemistry: Urethane Technology: vol. 14, no. 2, April/May 1997, Crain Communications 1997.

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